

Fig. 1

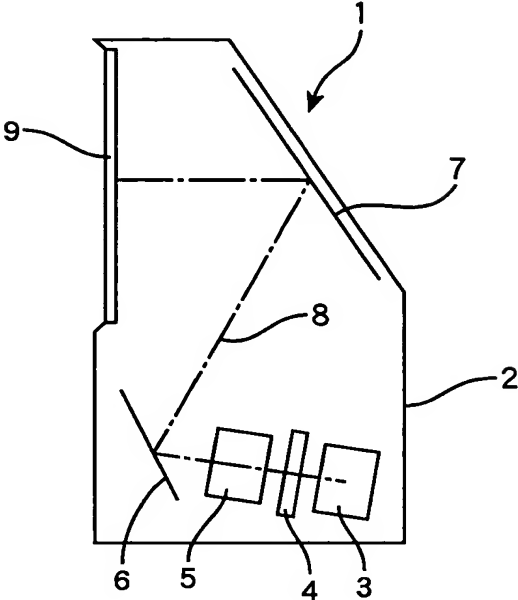
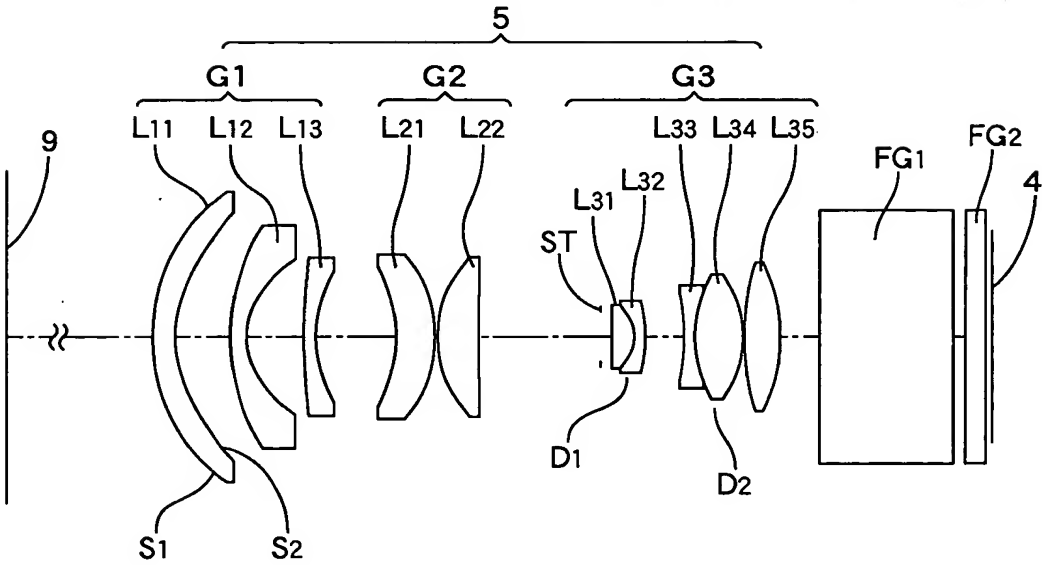


Fig. 2



Title: PROJECTION LENS SYSTEM
AND PROJECTOR
Applicant: Kiwamu Kobayashi
Serial No:
Docket No: 490376-005

Fig. 3

No.	R	D	Nd	ν d	Lens
1	36.235	3.50	1.492	58.0	lens L11
2	25.736	8.50			
3	37.915	2.50	1.713	53.9	lens L12
4	14.271	9.33			
5	100.685	1.80	1.743	49.2	lens L13
6	21.999	12.66			
7	-24.075	5.97	1.805	25.5	lens L21
8	-23.155	0.50			
9	21.759	6.23	1.62	36.3	lens L22
10	858.316	19.16			
11	INF	2.04			stop ST
12	-41.390	3.42	1.658	50.9	lens L31
13	-7.274	1.60	1.805	25.5	lens L32
14	-32.705	5.86			
15	-45.243	1.60	1.847	23.8	lens L33
16	21.892	7.50	1.517	64.2	lens L34
17	-19.140	0.30			
18	48.275	5.23	1.805	25.5	lens L35
19	-32.597	6.00			
20	INF	21.00	1.517	64.2	glass FG1
21	INF	2.00			
22	INF	3.00	1.487	70.4	glass FG2
23	INF	0.56			

Fig. 4

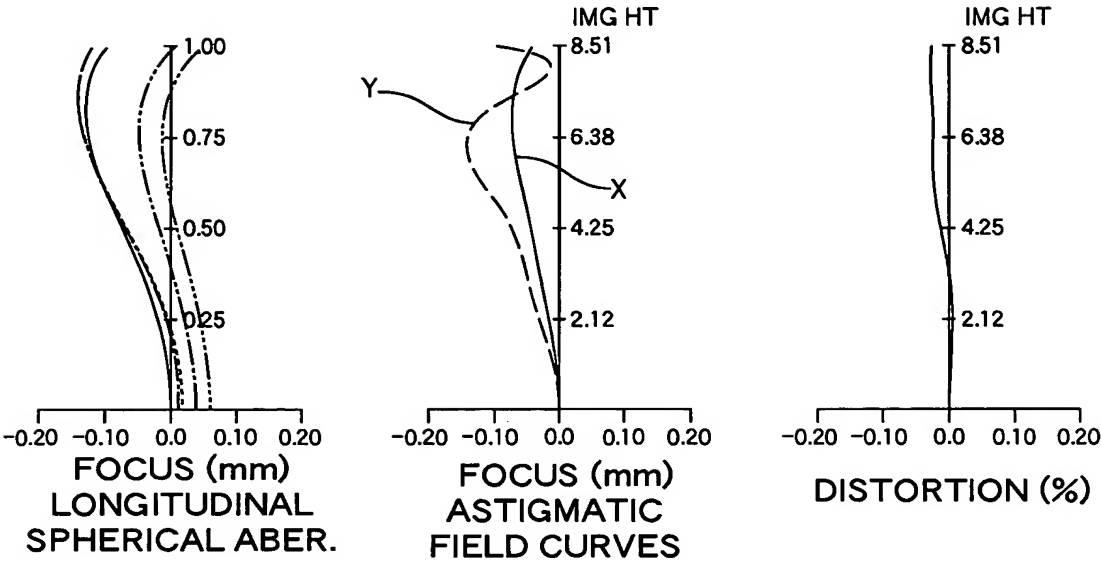
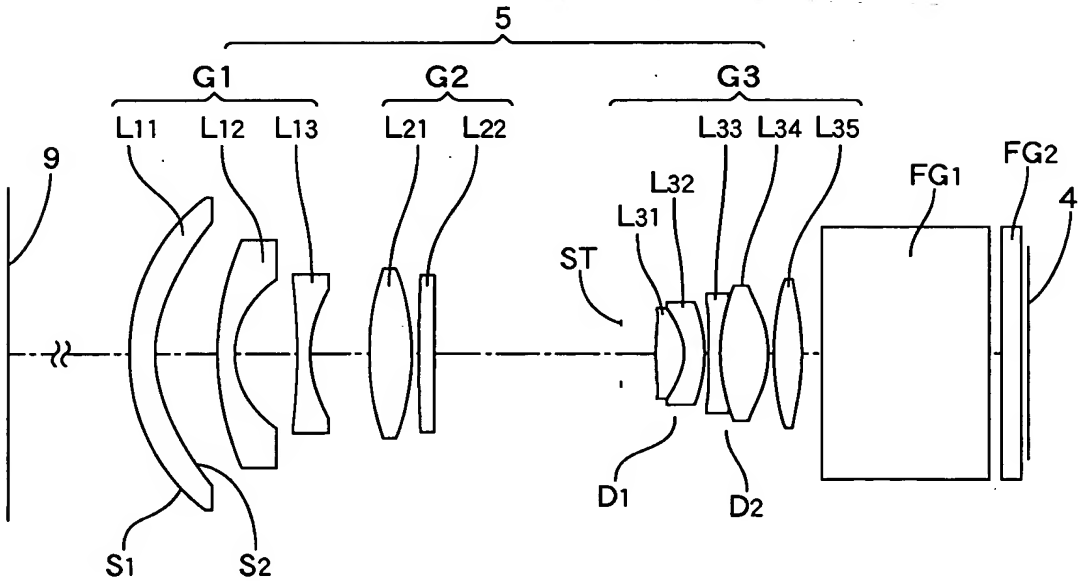


Fig. 5



Title: PROJECTION LENS SYSTEM
AND PROJECTOR
Applicant: Kiwamu Kobayashi
Serial No:
Docket No: 490376-005

Fig. 6

No.	R	D	Nd	ν d	Lens
1	42.017	4.00	1.492	58.0	lens L11
2	26.620	9.87			
3	52.745	2.50	1.713	53.9	lens L12
4	15.254	10.16			
5	-75.001	1.80	1.743	49.2	lens L13
6	22.288	9.18			
7	44.255	6.63	1.729	28.3	lens L21
8	-40.727	1.00			
9	266.326	2.44	1.581	10.9	lens L22
10	502.504	29.39			
11	INF	5.21			stop ST
12	82.982	4.41	1.487	70.4	lens L31
13	-12.056	2.93	1.847	23.8	lens L32
14	-27.657	1.00			
15	-73.967	1.60	1.847	23.8	lens L33
16	31.064	7.42	1.487	70.4	lens L34
17	-21.620	1.00			
18	45.856	4.44	1.847	23.8	lens L35
19	-55.706	3.33			
20	INF	26.00	1.517	64.2	glass FG1
21	INF	2.00			
22	INF	3.00	1.487	70.4	glass FG2
23	INF	0.51			

Fig. 7

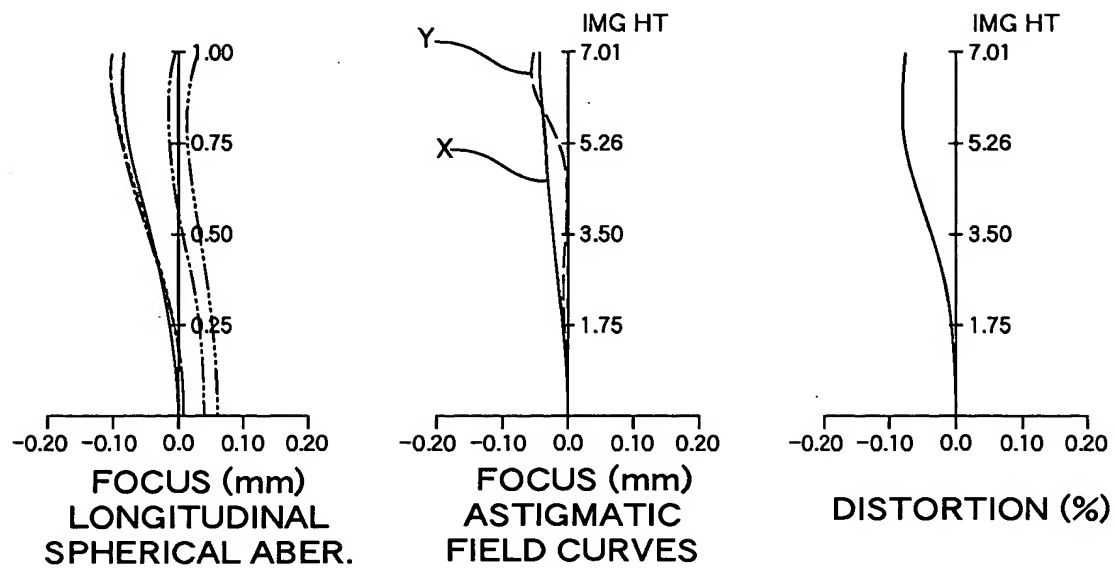
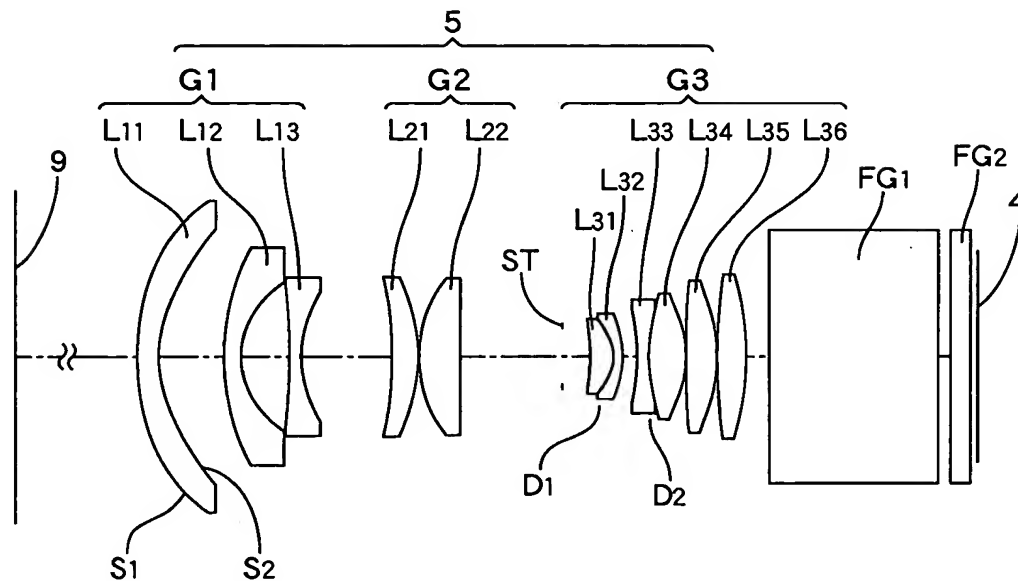


Fig. 8



Title: PROJECTION LENS SYSTEM
AND PROJECTOR
Applicant: Kiwamu Kobayashi
Serial No:
Docket No: 490376-005

Fig. 9

No.	R	D	Nd	νd	Lens
1	45.959	3.50	1.492	58.0	lens L11
2	28.055	10.29			
3	43.271	2.50	1.713	53.9	lens L12
4	15.067	7.51			
5	-134.747	1.80	1.743	49.2	lens L13
6	23.786	14.11			
7	-54.520	4.13	1.673	32.2	lens L21
8	-32.599	0.20			
9	23.882	6.50	1.648	33.8	lens L22
10	-386.957	15.81			
11	INF	4.32			stop ST
12	-27.534	3.53	1.487	70.4	lens L31
13	-9.270	1.60	1.847	23.8	lens L32
14	-20.581	2.00			
15	-45.337	1.60	1.847	23.8	lens L33
16	60.855	5.89	1.497	81.6	lens L34
17	-23.265	0.20			
18	200.000	4.63	1.497	81.6	lens L35
19	-31.777	0.20			
20	88.467	4.70	1.847	81.6	lens L36
21	-46.795	4.00			
22	INF	26.00	1.5168	64.2	glass FG1
23	INF	2.00			
24	INF	3.00	1.487	70.4	glass FG2
25	INF	0.51			

Fig. 10

